

ZELEWSKI, L.; ALEKSANDROWICZ, Z.; DZIADUL, C.

The influence of oestradiol benzoate and nicotinamide on citrate excretion in female rats. Acta biochim. pol. 9 no.4:351-355 '62.

1. Department of Biochemistry, Medical School, Gdansk.
(ESTRADIOL) (NICOTINAMIDE) (CITRATES)

WROBLEWSKI, Wincenty; BOZEK, Piotr; DZIADUR, Zofia; WIERCIOCH, Boleslaw

Cancer of the colon and of rectum; data of the First Surgical
Clinic in Krakow during 1950-55. Polski przegl. chir. 28 no.8:
763-764 Aug 56.

1. Z I Kliniki Chirurgicznej A.M. w Krakowie. Kierownik: prof.
dr. J. Bogusz. Krakow, ul. Kopernika 40.
(INTESTINE, LARGE, neoplasms,
hosp. statist. (Pol))

POLAND

DEIADUR-GOLIEZTAN, Zofia, SZARKOWA, Danuta, and HILAR, Zbigniew, Third Surgical Clinic (III Slinika Chirurgiczna) (Director: Prof. Dr. J. JASIEŃSKI) and the Department of Pathological Anatomy (Zakład Anatomii Patologicznej) (Director: Prof. Dr. J. KOWALCZYKOWA), both at the Akademia Medyczna, Medical Academy in Krakow.

"Acinous striped-cell Sarcoma of the Bladder in a 2-1/2 year Old boy."

Krakow-Krakow, Przegląd Lekarski. Vol. 19, Ser II, No 1, 1961, pp 19-21.

Abstract: Authors describe a case of acinous striped-cell sarcoma of the bladder which showed promising results on treatment (surgical removal of formation, application of antibiotics, and introduction of tube), which could unfortunately not be pursued since parents took the child home. Of the 24 references, one (1) is in German, about five (5) in Polish, and the rest in English.

L1/1

BORUSIEWICZ, Leslaw, mgr. inz.; RYNIO, Boguslaw, inz.; DZIADUS, Jozef

The portable overhead line sag indicator. Energetyka 16 no.4:125-127
Ap '62.

DZIADZIO, A. M.

Pneumatic tube transportation in flour mills. Moskva, Pishchepromizdat, 1954.
69 p. (55-28549)

TJ101.D9

1. Pneumatic-tube transportation. 2. Flourmills.

DZIALEK, E.; WARCHALOWSKI, J.

Attempted Congo red therapy of lateral sclerotic atrophy. Neur.
&c. polska 6 no.2:229-232 Mar-Apr 56.

1. Z Kliniki Chorob Nerwowych A.M. w Lodzi Kierownik: prof. dr.
E. Herman, Klinika Chorob Nerwowych A.M. w Lodzi, ul. Kopcinskiego
22.

(AMYOTROPHIC LATERAL SCLEROSIS, therapy,
Congo red (Pol))

(ANILINE DYES, therapeutic use,
Congo red in amyotrophic lateral sclerosis (Pol))

DZIALEX, Ewa; SZULC, Janina

A case of thalamic syndrome treated successfully with largactil.
Polski tygod. lek. 14 no.40:1790-1792 5 Oct 59.

1. (Z Kliniki Chorob Nerwowych A. M. w Lodzi; kierownik: prof. dr
E. Herman).

(THALAMUS, dis.) (CHLORPROMAZINE, ther.)

SZAPIRO, Marek; DZIALEK, Ewa

Detection of latent extensor reflexes. Polski tygod. lek. 16 no.26:
1000-1002 26 Je '61.

1. Z Kliniki Chorob Nerwowych A.M. w Lodzi; kierownik: prof. dr med.
E. Herman.

(REFLEX)

DZIALEK, Ewa; KOTWICA, Stanislaw; SZULC, Janina

On rare manifestations of myotonic dystrophy. Neurol. neurochir.
psychiat. pol. 12 no.1:15-19 '62.

1. Z Kliniki Chorob Nerwowych AM w Lodzi Kierownik: prof. dr nauk
med. E. Herman.

(MYOTONIA ATROPHICA diag)

SZAPIRO, Marek; DZIALEK, Ewa

Observations on the reflex conduct of the sole of the foot in the course of central origin paresis of the lower limb. Neurol neurochir psych 12 no.2:191-196 Mr-Apr '62.

1. Klinika Chorob Nerwowych, Akademia Medyczna, Lodz. Kierownik: prof. dr nauk med. E. Herman.

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SZAPIRO, Marek; DZIALEK, Ewa

Channeling combined extension responses. Neurol. neurochir.
psychiat. pol. 13 no.1:9-15 '63.

1. Z Kliniki Chorob Nerwowych AM w Lodzi Kierownik: prof.
dr nauk med. E. Herman.
(REFLEX, ABNORMAL) (SCOPOLAMINE)
(PHARMACOLOGY)

DZIALEK, Stefan

Detoxicating action of various preparations in guinea pigs
poisoned with thallium compounds. Med. pracy 16 no.2:102-108
'65.

1. Z Zakladu Farmakologii Akademii Medycznej w Lodzi (Kurator:
prof. dr. med. W. Musial).

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000411920005-9

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000411920005-9"

DZIALOSZYNSKI, Lech; BIESZYNSKI, Wieslaw

The microphotocolorimetric method for the determination of protein in honey. Chem anal 6 no.6:999-1004 '61.

1. Department of Biochemistry, N. Copernicus University, Torun.

DZIALOSZYNSKI, Lech; GNIOT, Jędrzyna

Active sulfate and the enzymatic synthesis of organic sulfates.
Postepy biochem. 9 no.1:35-45 '63.

(SULFATES) (METABOLISM) (PHENOLS) (STERIODS)
(CARBOHYDRATE METABOLISM)

DZIALOSZYNSKI, Lech M.; BLESZYNSKI, Wieslaw

Influence of temperature and contact with chromatographic paper
on the activity of arylsulphatase. Nauki matematyczne Torun no.
9:37-44 '64.

1. Department of Biochemistry of the N. Copernicus University,
Torun.

DZIALOWSKI, L.M.

CA

112

The sulfatase of clarsae: inhibition, inactivation, and purification. L. M. Dzialowski (Univ., Poznan, Poland). *Nature* 166, 167-8 (1950); cf. C.A. 42, 1616d. Sulfatase of clarsae (I) activity was detd. by colorimetry of the PhOH liberated by I hydrolysis of a PhO-SO₂OK substrate (II) (cf. King and Armstrong, C.A. 28, 7245'). Activity of I on II is inhibited thus; for the following inhibitors the mol. concn. (M) and % inhibition are, resp.: PhNH₂, 10⁻⁴, 25; PhNH₂, 10⁻³, 100; NaCN 10⁻⁴, 100; AgNO₃, 10⁻⁴, 100; H₂NCONHNH₂, 10⁻⁴, 77; Pb(OAc)₂, 10⁻³, 44; K₂HPO₄, 10⁻³, 25; BaCl₂, 10⁻³, 0; EtOH 10⁻³, 0; Sr(NO₃)₂, 10⁻³, 0. At pH 3, I was irreversibly inactivated; 80% in 5 min. and 100% in 10 min. Half-min. of aq I with (NH₄)₂S₂O₈ pptd. an inactive fraction, leaving a supernatant richer in I.

M. L. Black

CA 2214052/WSK, L.A.

114

Phenoloxidase. I. Optimum conditions and influence of media on activity. L. M. Deichmeyer (Univ. Poznan, Poland). *Bull. soc. chim. ser. lettres* 1961, 88-79 (1961) (in English).—Clarase, an enzymic prep. produced by Takamine Labs., New York, was used as the source of enzyme, its activity being detd. by gravimetric estn. of sulfate liberated during hydrolysis. The substrate was PhOSO_3K which showed a max. spontaneous decompn. of 2% during a 6-day period over the pH range 3.9 to 7.0. The pH of optimum activity for the enzyme prep. was 5.85-6.0. For a 24-hr. reaction time, the temp. for optimum activity was 37°. Enzyme activity was studied in phosphate, acetate, and B.D.H. universal buffers with phosphate buffers showing the highest activity. Universal buffer seemed to exert a considerable inhibitory effect on the hydrolysis. A direct proportionality between percentage of hydrolysis and time existed for a ratio of concns. of substrate: enzyme of 1:8. Comparison of the activity of phenoloxidase at identical ratios of concns. of substrate to enzyme in horse urine, in human urine, and in phosphate buffer indicated that something in the urine inhibited the hydrolysis, human urine doing so to a slightly lesser degree. The nearer the ratio of substrate concn.: enzyme concn. was to the optimum, the less marked was the inhibition caused by the urine, i.e., when the ratio was 1:1 the inhibition was 72%; when the ratio was 1:0.5 it was only 18%. Urea was shown to cause inhibition of the enzyme activity at concns. comparable to those present in the urine samples. II. Action on aromatic and hydroaromatic esters of sulfuric acid. *Ibid.* 80-6.—The procedure described above was adopted for the estn. of enzyme activity. About 35% of both α -

and β - $\text{C}_6\text{H}_4\text{OSO}_3\text{K}$ was hydrolyzed in 24 hrs. by a clarase prep. Within 5 days, the enzyme hydrolyzed 83% of PhOSO_3K compared to 69% of $3,5\text{-(Me)}_2\text{C}_6\text{H}_3\text{OSO}_3\text{K}$. Potassium cyclohexyl sulfate was not hydrolyzed. III. A new method for the estimation of phenoloxidase activity, inhibition, inactivation, fractional precipitation. *Ibid.* 87-90; cf. C.A. 44, 9903c.—The mol. concn. (M) and percentage inhibition, resp., for the following inhibitors added to the previously published list are: AgNO_3 10^{-4} , 66; NaCN 10^{-4} , 10; NH_4OH 10^{-4} , 7; NH_4OH 10^{-4} , 63; H_2NCONH_2 10^{-4} , 8; $\text{Pb}(\text{NO}_3)_2$ 10^{-4} , 44; $\text{Pb}(\text{NO}_3)_2$ 10^{-3} , 59; KCl 10^{-3} , 24; and AcONa 10^{-4} , 0. Randall G. Ry-

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DZIALOSZYNSKI, L. M.

EXCERPTA MEDICA Sec.2 Vol.11/5 Physiology, etc. May 58

2004. THE CLINICAL VALUE OF ARYLSULPHATASE ESTIMATION IN URINE -
Dzialoszynski L. M. Animal Physiol. Dept., Acad. of Agric., Poznań -
CLIN. CHIM. ACTA 1957, 2/6 (542-547)

The urine of healthy subjects contained only small amounts of arylsulphatase. More than 30-fold increase of the arylsulphatase was found in the urine of patients with myeloid leukaemias. There was only a slight increase of the enzyme activity in cases of Hodgkin's disease. A very marked increase of arylsulphatase activity was

POLAND / Human and Animal Physiology. Blood.

T.

Abs Jour: Ref Zhur-Biol., No 9, 1958, 41134.

Author : Dzialoszynski L., Maciejewska, M.

Inst : Not Given.

Title : The Protein Fraction of Horse's Blood Serum.

Orig Pub: Med. Weteryn., 1957, 13, No 3, 173-176.

Abstract: No Abstract.

Card 1/1

DZIALOSZYNSKI, L.M.

Intermediate metabolism in animals at the Fourth International
Congress of Biochemistry in Vienna in 1958. Postery biochem. 5
no.4:423-438 '59.
(METABOLISM)

DZIALOSZYNSKI, L.; KOTIK, T.

Level of proteins and protein fraction in the blood serum of calfs
in relation to age. Acta physiol. polon. 10 no.3:374-383 May-June 59.

1. Z Zakładu Fizjologii Zwierząt W. S. R. w Poznaniu Kierownik:
prof. dr L. Działoszyński.
(BLOOD PROTEINS) (AGING, eff.)

DZIALOSZYNSKI, Lech M.; BLESZYNSKI, Wiesław

Partial purification of aryl sulphatase of clarase by means of
paper electrophoresis. Nauki matem przyrod Torun no.8:3-13 '61.

1. Uniwersytet im. M.Kopernika, Katedra Biochemii, Torun.

DZIAŁOSZYNSKI, Lech; KOTIK, Tadeusz

Blood serum proteins of rabbits in relation to sex. Roczniki
Wyz Szkola Rol Poznan no.12:105-108 '62.

DZIALOSZYSKI, Lech; KOTIK, Tadeusz

Feeding and the total content of proteins and certain protein fractions in the blood serum of heifers. Roczniki Wyz Szkola Rol Poznan no.12:109-113 '62.

1. Katedra Fizjologii Zwiersat, Wyzsza Szkola Rolnicza, Poznan.

DZIALOSZYNSKI, Lech; PRUSIEWICZ-WITASZEK, Urszula

Total protein and protein fraction content in the blood serum of foals and the age of the foal. Roczniki Wyz Szkola Rol Poznan no.12:161-165 '62.

1. Katedra Fizjologii Zwierzat, Wyzsza Szkola Rolnicza, Poznan.

DZIALOSZYNSKI, Lech; PRUSIEWICZ-WITASZEK, Urszula

Effect of starvation on the total content of protein and certain protein fractions in the blood serum of rabbits. Roczniki Wyz Szkola Rol Poznan no.12:167-173 '62.

1. Katedra Fizjologii Zwierzat, Wyzsza Szkola Rolnicza, Poznan.

MACIEJEWSKA, Mirosława; DZIAŁOSZYNSKI, Lech; KUJAWA, Anna; NAPIERALA,
Henryk

Tyrosine content in the of upgraded Polish sheep of the
Leszczynska and Swiniarka varieties. Roczniki Wyz Szkola Rol
Poznan no.12:207-215 '62.

1. Katedra Fizjologii Zwierząt, Wyższa Szkoła Rolnicza, Poznań.

DZIALOSZYNSKI, Lech; KOTIK, Tadeusz

Level of proteins and protein fractions in the blood serum of pregnant rabbits. Acta physiol. Pol. 16 no.1:105-109 Ja-F'65.

1. Zakład Fizjologii Zwierząt Wyższej Szkoły Rolniczej w Poznaniu (Kierownik: prof. dr. L. Działoszyński).

DZIAMA, Antoni, dr inż., adiunkt

Comparative studies on involute gears with standard and unilateral gearing. Przegl mech 22 no. 13:405-407, 410 10 J1 '63.

1. Katedra Elementow Maszyn, Politechnika, Wroclaw.

DZIAMA, Antoni, dr inż.; DEMETER, Tadeusz, doc. mgr inż.

Unilateral involute gears. Przegl mech 22 no.1:4-7 10 Ja '63

1. Politechnika, Wrocław.

DZIAMA, A., dr inż.; ROMATYNSKI, Ryszard, dr inż.; KOWALSKI, ..., mgr inż.;
WIRBILIS, Stanisław, mgr inż.

Reviews of the technical press. Przegl mech 24 no.6.187-
190 25 Mr '65.

DZIAMARSKI, Wladyslaw, mgr inz.

Exchanger for the utilization of waste heat from driers.
Gosp paliw 11 Special issue no.(95):2-3' Ja '63.

1. Zjednoczenie Przemyslu Liniarskiego, Warszawa.

REVENDA, Jan; BACUROVA, Emilia; ~~DRIAN, Jan~~

Contribution to the furfural and cresol selectivity. Ropa a
uhlie 6 no.12:364-375 D '64.

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CONFIDENTIAL - NOFORN

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Country : POLAND
Category: Organic Chemistry. Organic Synthesis

G

Abs Jour: RZhKhim., No 17, 1959, No. 60793

4-oxy-3, 4, 5- triphenylcyclohexane-2-on-1(I) was synthesized by condensation of 10.6 gr benzene and 14.6 gr benzylideneacetone in 150 ml of absolute alcohol with the addition of 0.5 gr KCN in 2 ml water (heating), yielding approx. 40%, melting point of 246-249°; analogically it was possible to carry on the reaction in the presence of KOH, with the yield of 46%. In the reaction of 17 gr I and 35 gr $(CH_3CO)_2O$ in the presence of 0.5 gr of anhydrous $SnCl_4$ (boiling for 30 minutes) 3, 4, 5-triphenylphenylacetate (II) [sic] was obtained at a yield of 91% and of 190-191° melting point (from glacial CH_3COOH). The saponification of 18.2 gr II, 6 gr KOH in 90 ml alcohol (98%

Card : 2/6

G-7

Country : POLAND
 Category: Organic Chemistry. Organic Synthesis

G

Abs Jour: EZhKhim., No 17, 1959, No. 60793

yield) of 3, 4, 5- triphenylphenol (III) with 229-230° melting point (from glacial CH_3COOH). Methyl ester of III was derived in the reaction of III and CH_2N_2 in the ether solution (120 hours), yield was 96%, melting point 122.5-123.5° (from alcohol). Ethyl ester of III was synthesized in the reaction involving 3 gr III, 3 gr $\text{C}_2\text{H}_5\text{I}$ and 0.5 gr KOH in 20 ml of alcohol (boiling 2 hours), resulting in the 81% yield and having 110-111° melting point; likewise in the analogical reaction with $\text{C}_2\text{H}_5\text{Br}$ the yield was 61%. 3, 4, 5-triphenylchlorbenzene (IV) was synthesized by two methods; by the reaction of 3.2 gr III and 2.1 gr PCl_5 (CO_2 , 160-165°,

Card : 3/6

Country : POLAND

Category: Organic Chemistry. Organic Synthesis

Abs Jour: RZhKhim., No 17, 1959, No. 60793

G

30 min.) with the subsequent distillation of POCl_3 and separation of the unreacted III, yielding 23% of 143-144° melting point (from alcohol) material; and by the reaction of 0.015 mols I and 0.03 mols PCl_5 (approx. 200°), yielding 45% along with 10% of 3, 4, 5-triphenylchlorobenzene, of 125-126° melting point (from petroleum ether). 3, 4, 5-triphenylbenzotrile (V) was obtained in the reaction of 0.001 mols IV and 0.002 mols of dry $\text{Cu}_2(\text{CN})_2$ (350-356°, approx. 2 hours), yield 57%, melting point 162-163° (from c.p. benzene). The saponification of 0.8 gr V, 0.5 ml of 30% NaOH in 30 ml alcohol and 7.5 ml of 30% H_2O_2 (50-60°, 4 hours) lead to the formation

Card : 4/6

G-8

Country : POLAND
Category: Organic Chemistry. Organic Synthesis

G

Abs Jour: RZhKhim., No 17, 1959, No. 60793

of 3, 4, 5-triphenylbenzamide (VI), yield 66%, melting point 200-201° (from benzene). VI was obtained also in the reaction of 3, 4, 5-triphenylbenzoyl chloride (VII) and alc. NH_3 (0°, 24 hours). 3, 4, 5-triphenylbenzoic acid (VIII) was obtained by several methods: a) saponification of 0.3 gr V in 10 ml alcohol, 0.25 gr KOH (boiling 10 hours), yield 90%, melting point 265.5-266.6° (from alcohol); b) saponification of V with a mixture of CH_3COOH and H_2SO_4 , yield 16% along with the unconverted V; c) caustic saponification of the methyl ester VIII (IX), yield 97%; d) by the reaction of HNO_2 with VI, yield 43%. IX was synthesized by the saturation of a solution containing 1 gr VIII in 10 ml CH_3OH with

Card : 5/6

Country : POLAND

G

Category: Organic Chemistry. Organic Synthesis

Abs Jour: RZhKhim., No 17, 1959, No. 60793

dry HCl (0°), with the subsequent boiling and saturation with dry HCl, yield 92%, melting point 141.5-142.5°. In the reaction of a solution containing 0.5 gr VIII and 0.68 gr SOCl₂ in 10 ml C₆H₆ (heating for 4 hours). VII was obtained, with the yield of 85%, and melting point of 131-132°. -- A. Sergeyev

Card : 6/6

G-9

SKOTNICKI, S.; DZIATKOWIAK, A.; MACIEJEWSKA, M.; OLIPRA, H.

Some physiopathological aspects of deep hypothermia. Kardiol.
Pol. 7 no.2:133-140 '64.

1. Z II Kliniki Chirurgicznej Akademii Medycznej w Lodzi i z
Oddzialu Chirurgii Torakalnej Szpitala Miejskiego im. J. Strusia
w Poznaniu (Kierownik: prof. dr J. Moll).

WOJTOWICZ, Jerzy; LORKIEWICZ, Zbignew; DZIATKOWIAK, Antoni

Attempted radiological classification of primary bronchial cancer with an abbreviated TNM system. Pol. przegl. radiol. 26 no.4:277-295 '62.

1. Z Zakladu Radiologii AM w Poznaniu Kierownik: prof. dr med.
B. Gladysz z Oddzialu Torakochirurgii Szpitala Miejskiego im.
J. Strusia w Poznaniu Kierownik: prof. dr med. J. Moll z Zakladu
Anatomii Patologicznej AM w Poznaniu Kierownik: prof. dr med.
J. Groniowski.

(CARCINOMA BRONCHOGENIC)

DZIATKOWIAK, Antoni

Studies on bronchial epithelial metaplasia in surgical material.
Pozn. tow. przyjac. nauk wydz. lek. 27:5-46 '64.

TYMOSKI, Henryk; DOLYKOWSKI, Antoni; WOLK, Jan; HAKIEWICZ, Zdzisław

Surgical data on pulmonary arteriovenous fistulae. Chirurgia 34
no.4:317-326 Apr '64.

1. Z Zakładu Radiologii Akademii Medycznej (kierownik: prof. dr.
med. B. Gładysz) i z Oddziału Chirurgii Torakalnej Szpitala Pielgr-
skiego im. J. Strusia w Toruniu (kierownik: prof. dr. med. J. Gładysz).

DZIATLIK, H.

DZIATLIK, H.

Basic electromagnetic units and standards. p. 196. (PRZEBUD ELEKTROTECHNIKI, Vol. 30, No. 5, May 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

DL/ATL/K - H

✓ 2449. ELECTRICAL ANALOGY OF A RIVER. 027.15 : 021.3.012.8
Przegląd elektrotech., Vol. 31, No. 7, 447-55 (1955). In
Polish.

EE It is shown that equations governing the water flow in a river are analogous to those of a long transmission line. An electrical network having characteristics of a long transmission line may be thus used in investigations of river flow under steady-state and transient conditions. Details of parameter conversions are given. Such electrical models can be applied, with any desired degree of accuracy, to investigations of flood water flow, effects of storage areas, tides variations in water levels and to determine conditions for optimum utilization of a river for power purposes.

(1)

J. Lukaszewicz

DZIATLIK, Henryk, mgr., inz.

Method for the measurement of water discharge in a river. Gosp wodna
22 no.1:39-40 '62.

DZIATLIK, Henryk

Electric model of a stress tensor. Mechan teor stosow 1 no.2:
115-136 '63.

1. Institute of Water Management, Warsaw.

POLYAKOV, I.; POZDNYAKOV, N.; KARPOV, A.; STARIKOV, I.; DZIBOV, V.;
VAL'KOV, N.

Uniformity and improvement of short-term credit and payments.
Den. 1 kred. 16 no.5:11-25 My '58. (MIRA 11:6)
(Credit) (Payment)

DZICHKOVSKAYA, V.P.

Various types of cheese as a source of indispensable amino acids
in the diet [with summary in English]. Vop.pit. 16 no.1:52-54
Ja-F '57. (MLBA 10:3)

1. Iz kafedry biokhimii (zaveduyushchiy - professor A.N.Sherpenak)
Moskovskogo meditsinskogo stomatologicheskogo instituta.

(AMINO ACIDS, metab.

requirements, various cheeses as source of indispensable
amino acids, comparison (Rus))

(FOOD

cheeses as source of indispensable dietary amino acids,
comparison of various types (Rus))

DZICHKOVSKAYA, V.P. Cand Bio Sci -- (diss) "Various ^{types} ~~forms~~
of cheese as a source of ^{certain} ~~separate~~ amino-acids in ^{nutrition} ~~digestion~~."
Mos, 1958, 25 pp ^{with diagrams} (Acad Med Sci USSR) 200 copies (KL, 21-58, 89)

- 20 -

1ST AND 2ND DEGREE		PROCESSING AND PROPERTY INDEX	
F		B	
<p>4625. ORGANIZATION AND AIMS OF HUNGARIAN PEAT RESEARCH INSTITUTE. Dzida, J. (Banyasz. Kohasz. Lapok. k949, vol. 82, 107-110; abstr. in chem. abstr., 1949, vol. 43, 9413). Informative data were obtained by investigating samples obtained from 10,000 borings on 9 different peat deposits in Hungary. The deposits of peat are estimated to be equal to the heating value of 80 million metric tons of coal of 4,000 cal. Methods must be found to make peat production cheaper since present cost is above that of coal. Coking experiments are underway and field experiments were introduced to test the availability of a peat preparation as humus substitute in cultivated soils.</p>			
ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION		FROM SOURCE	
FROM SOURCE		FROM SOURCE	

DZIDO, Z.

"Equipment for continuous dosage of chemicals being added to water in boilers."

ENERGETIKA, Praha, Czechoslovakia, Vol. 9, no. 5, May 1959

Monthly List of East European Accessions Index (EEAI), Library of Congress,
Vol. 8, no. 8, August 1959

Unclassified

DEIDG, Z.

Combustion of coal-washing residues with low melting point on grates. p. 357.

ENERGETIKA. (Ministerstvo energetiky a Ceskoslovenska vedecka technicka spolecnost pro energetiku pri Ceskoslovenska akademii ved) Praha, Czechoslovakia. Vol. 9, no. 7, July 1959.

Monthly list of East European Accessions (EEAI) LC, vol. 9, no. 1, Jan. 1960.

Uncl.

DZIDUSZKO, Tadeusz.

Studies on dynamics of extinction of vasomotor orientation reaction. Acta physiol.polon. 6 no.1:41-55 1955.

1. Z Panstwowego Instytutu Psychoneurologicznego w Pruszkowie Dyrektor: prof. dr Z. Kuligowski

(REFLEX,

vasomotor component of orientation reflex,extinction)

(BLOOD VESSELS, physiology,

vasomotor component of orientation reflex, extinction)

DZIDUSZKO, Tadeusz

On systematic and nosologic aspects of mental disorders in advanced age. Neurol. neurochir. psychiat. pol. 12 no.4:551-555 '62.

1. Z Oddziału Psychiatrycznego Instytutu Psychoneurologicznego w Pruszkowie. Dyrektor Instytutu: prof. dr med. Z.W. Kuligowski. Kierownik Oddziału: doc. dr med. J. Jaroszyński.
(PSYCHOSES SENILE) (PSYCHOSES PRESENILE)

DZIDUSZKO, T.

POLAND

WYSZNACKA-ALEKSANDROW, Wanda; BACZKO, Aurelia; DZIDUSZKO, Tadeusz; OSTASZEWSKA, Janina; RYLSKI, Mirosław and RYLSKI Sławomir; Second Clinic of Internal Diseases (II Klinika Chorob Wewnętrznych), of the AM [Akademia Medyczna -- Medical School] in Warsaw, Director: Prof Dr Med D. ALEKSANDROW; and the Department of Psychiatry (Oddział Psychiatryczny) of the Institute of Psychoneurology (Instytut Psychoneurologiczny) in Pruszków, Director of the Institute: Prof Dr Med Z. W. KULIGOWSKI; Head of the Department: Docent Dr Med J. JAROSZYŃSKI.

"Comparison of Geriocaline and Placebo Results in Healthy Old People"

Warsaw, Polski Tygodnik Lekarski, Vol XVIII, No 8, 18 Feb 1963, pp 287-291

Abstract: [Authors' English summary modified] Results of geriocaline and placebo administration for a month to healthy
[1/2]

POLAND

Warsaw, Polski Tygodnik Lekarski, Vol XVIII, No 8, 18 Feb
1963, pp 287-291 (continued)

old people were evaluated by a group of physicians who were unaware of the kind of drug administered to each patient. No effects on the mental or physical conditions of the patients different from those of placebo administration could be detected in the geriocaine group.

The results of this study do not eliminate the possibility of some effect of geriocaine if administered for a longer period. The evaluation of such effect would be, however, reliable only if compared with a proper control group. 6 tables; 2 diagrams; 11 references, mostly Eastern.

2/2

DZIDUSZKO, Tadeusz

On the systematics and nosology of psychic disturbances of old age. Neurol neurochir psych 12 no.4:551-555 J1-Ag '62.

1. Oddzial Psychiatryczny, Instytut Psychoneurologiczny, Prusakow.
Dyrektor Instytutu: prof. dr med. Z.W.Kuligowski; Kierownik
Oddzialu: doc. dr med. J. Jaroszynski.

+

WYSZNACKA-ALEKSANDROW, Wanda; BACZKO, Aurelia; ~~DZIDUSZKO, Tadeusz;~~
OSTASZEWSKA, Janina; RYLSKI, Mirosław; ~~RYLSKI, Sławomir~~

Evaluation with the aid of the "blind" test of gerlocaine
therapy of the elderly. Pol. tyg. lek. 18 no.8:287-291
18 F '63.

1. Z II Kliniki Chorob Wewnętrznych AM w Warszawie; kierownik:
prof. dr med. D. Aleksandrow i z Oddziału Psychiatrycznego
Instytutu Psychoneurologicznego w Pruszkowie; dyrektor Instytutu:
prof. dr med. Z. W. Kulligowski; kierownik Oddziału: doc. dr
med. J. Jaroszynski.

(PROCAINE)

TULUMDZHIAN, A.O.; DZIDZARIYA, G.A., redaktor; KHAKHMIDZERI, M.D.,
tekhnicheskii redaktor

[Abkhazian Economic Council; catalog of its collection] Ekoso
Abkhasii; opisaniye fonda. Sukhumi, Abkhasskoe gos.izd-vo, 1956.
29 p. (MLRA 10:9)

1. Abkhazskiy Ekonomicheskii Sovet
(Abkhazia--Economic policy)

KIFIANI, T.I., doktor med. nauk, prof., otv. red.; GOTSIRIDZE, A.M.,
zasl. deyatel' nauki, prof., red.; DEIDZARIYA, G.A., zasl.
deyatel' nauki, prof., red.; NIKOLASHVILI, D.A., dots., red.;
GABISONIYA, A.A., nauchn. sotr., red.

[Theses of the reports of the Second Republic Conference of
the Pedagogic Institutes of the Georgian S.S.R. on the
Problems of Physiology] Tezisy dokladov. Sukhumi, Goskomitet
vysshego, srednego spetsial'nogo obrazovaniia Soveta ministrov
Gruzinskoi SSR, 1963. 58 p. (KIRA 17:10)

1. Respublikanskaya konferentsiya pedinstitutov Gruzinskoy SSR
po problemam fiziologii, 1, 1963. 2. Zaveduyushchiy filo-
logicheskoy laboratorii Abkhazskogo filiala nauch. i spetsial'no-
logii Gruzinskoy SSR (for Kifiani).

NATSVLISHVILI, A.A., kand.sel'skokhoz.nauk; SINYUKOV, V.P.; NASONOVA, M.V.,
kand.sel'skokhoz.nauk; PALIY, V.F., prof.; KOTLIAR, V.V., mladshiy
nauchnyy sotrudnik; LUPENKO, L.G.; DZIDZARIYA, O.M., nachnyy
sotrudnik

Brief information. Zashch. rast. ot vred. i bol. 8 no.8:55-57
Ag '63. (MIRA 16:10)

1. Gruzinskiy institut zashchity rasteniy, Tbilisi (for Natsvlishvili).
2. Oblastnaya laboratoriya biometoda, Brailov, Vinnitskoy obl.
(for Sinyukov).
3. Achikulakskaya lesnaya opytnaya stantsiya,
Maykop (for Nasonova).
4. Sary-Ohelebskiy zapovednik (for
Paliy, Kotlyar).
5. Batayskiy opornyy punkt Vsesoyuznogo instituta
zashchity rasteniy (for Lupenko).
6. Sukhumskaya opytnaya
stantsiya efiromaslichnykh kul'tur (for Dzidzariya).

DZIDZAVA, I.M., mayor meditsinskoy sluzhby

Dislocation of the acromial end of the clavicle and its treatment;
abstract. Voen.-med.shur. no.3:76 Mr '61. (MIRA 14:7)
(CLAVICLE--DISLOCATION)

GRIGOLIYA, A.L.; MGELADZE, N.V.; DZIDZAVA, T.K. (Sukhumi)

Changes in the secretary and excretory functions of the stomach
in gastritis using various mineral waters of Abkhazia. Vop. kur.,
fizioter. i lech. fiz. kul't. 26 no.6:491-495 N-D '61. (MIRA 15:1)
(ABKHAZIA MINERAL WATERS PHYSIOLOGICAL EFFECT)
(STOMACH INFLAMMATION)

DZIDZIGURI, A. A.

Dzidziguri, A. A. - "The relative effect of the blades of an axial ventilating fan," A commemorative collection of transactions dedicated to the 25th anniversary of the Institute, (Gruz. politekhn. in-t im. Kirova, No 17), Tbilisi, 1948, p. 309-15, (In Georgian, resume in Russian), - Bibliog: 6 items

SO: U-5240, 17, Dec. 53, (Istopsis 'Zhurnal 'nykh Statey No. 25, 1949).

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 4, p 43 (USSR) SOV/124-57-4-4152

AUTHOR: Dzidziguri, A. A.

TITLE: The Performance Characteristics of Fans Working in Parallel in That Range of the Performance Curve Where More Than One Discharge Volumes Are Possible at a Given Pressure (Kharakter raboty parallel'no vklyuchennykh ventilyatorov pri mnogoznachnom rezhime)

PERIODICAL: Tr. In-ta metalla i gorn. dela AN GruzSSR, 1954, Vol 6, pp 165-180

ABSTRACT: Test results are given for experiments performed on a bank of four ducted axial-flow fans working in parallel. Deductions are made to the effect that the operation of the fans is basically stable but depends upon the switching-on sequence of the fans.

I. A. Shepelev

Card 1/1

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 8, p 40 (USSR) SOV/124-57-8-8846

AUTHORS: Dzidziguri, A. A., Kutateladze, A. A.

TITLE: Some Problems of the In-series Operation of Mine Ventilators
(Nekotoryye voprosy posledovatel'noy raboty shakhtnykh ventilyatorov)

PERIODICAL: Tr. Gruz. politekhn. in-ta, 1954, Nr 32, pp 109-122

ABSTRACT: An analysis of the comparative effectiveness of various mine-ventilator arrangements. The greatest stability of operation and highest efficiency is afforded by an arrangement which permits switching the ventilators to individual, in-series, and parallel operation depending on changes in the equivalent opening of the mine shaft and the resistance offered by the ventilation-flow route. Bibliography: 3 references.

V. D. Sokolov

Card 1/1

124-1957-2-1781

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 2, p 47 (USSR)

AUTHOR: Dzidziguri, A.A.

TITLE: ~~The Critical Rpm of a Fan Operating in Parallel~~ (Predel'noye
chislo oborotov ventilyatorov pri parallel'noy rabote)

PERIODICAL: Tr. In-ta metalla i gorn. dela AN GruzSSR, 1956, Vol 7, pp
251-260

ABSTRACT: It is established that the "critical" rpm of a fan operating in parallel, found on the basis of V.S. Pak's formulas (Ventilirovaniye shakht parallel'no vklyuchennymi ventilyatorami. Ugletekhizdat, 1947), is not the only determinant. For example, in fans having saddle-shaped or otherwise curved pressure characteristics, the computed values of the critical rpm are greater than those allowed by the condition of single-valuedness of their operation. In this connection the Author, referring to his previously published work (Dzidziguri, A.A., and Muskhelishvili, V.L., Tr. Gruz. politekhn. in-ta, 1952, Nr 24), derives relationships for the determination of the critical rpm of fans, specifying the absence of any multi-valued regimen in their joint operation (particularly with reference to discontinuous pressure characteristics of fans). The following

Card 1/2

124-1957-2-1781

The Critical Rpm of a Fan Operating in Parallel

conclusions are noted: 1) If the maximum rpm determined from the requirement of single-valuedness is greater than the maximum number of revolutions specified by other conditions, it will be necessary to take the smallest value; 2) If the minimum number of revolutions determined from the condition of single-valuedness is greater than the maximum number of revolutions determined from other conditions, then the fan is not suitable for use in the given conditions. As an example for the evaluation of the critical rpm, the parallel operation of two axial two-stage TsAGI fans, series "B", was subjected to examination.

G. Ye. Khudyakov

1. Axial flow fans--Velocity
2. Axial flow fans--Performance
3. Axial flow fans--Analysis

Card 2/2

DZIDZIGURI, A.A., TSINTSADZE, Yu.D.

Regulating mine fans in a centralized ventilation system. Trudy
Inst. met. i gor. dela AN Gruz. SSR no. 8:271-284 '57. (MIRA 11'8)
(Mine ventilation)
(Fans, Mechanical)

DZIDZIGURI, A.A.; ONIANI, Sh.I.

Regulating axial fans connected in parallel with the aid of guiding apparatus. Soob. AN Gruz. SSR 19 no.5:605-610 N '57. (MIRA 11:6)

1. Institut metalli i gornogo dela AN GruzSSR, Tbilisi. Predstavleno chlenom-korrespondentom AN F.N. Tavadze.
(Mine ventilation)

124-58-9-9782D

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 9, p 43 (USSR)

AUTHOR: Dzidziguri, A. A.

TITLE: Investigation of the Operation of Mine-shaft Ventilation Blowers
in Complicated Ventilation Networks (Issledovaniye raboty
shakhtnykh ventilyatorov v slozhnykh ventilyatsionnykh setyakh)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree
of Doctor of Technical Sciences, presented to the Leningr. gorn.
in-t (Leningrad Mining Institute), Leningrad, 1958

ASSOCIATION: Leningr. gorn. in-t (Leningrad Mining Institute), Leningrad

1. Blowers--Operation 2. Blowers--Analysis 3. Mines--Ventilation

Card 1/1

DZIDZIGURI, A.A.; BARAMIDZE, K.M., red.; BAKRADZE, D.S., red.izd-va;
TODUA, A.R., tekhn.red.

[Operation of mine fans in complex systems] Rabota shakhtnykh
ventiliatorov v slozhnykh setiakh. Tbilisi, Izd-vo Akad.nauk
Gruzinskoi SSR, 1958. 165 p. (MIRA 11:12)
(Mine ventilation) (Fans, Mechanical)

BARAMIDZE, K.; DZIDZIGURI, A.

Developments in mining engineering in Soviet Georgia. Trudy
Inst.met. AN Gruz.SSR 9:19-30 '58. (MIRA 12:8)
(Georgia--Mining engineering)

DZIDZIGURI, A A

PHASE I BOOK EXPLOITATION

SOV/4820

Ushakov, Konstantin Andreyevich, Professor, Iosif Veniamenovich Brusilovskiy, and Aleksandr Romanovich Bushel'

Aerodinamika osevykh ventilyatorov i elementy ikh konstruktsey (Aerodynamics of Axial-Flow Fans and Elements of Their Structure) Moscow, Gosgortekhnizdat, 1960. 421 p. Errata slip inserted. 2,000 copies printed.

Ed.: Konstantin Andreyevich Ushakov, Professor; Ed. of Publishing House: G.B. D'yakova; Tech. Eds.: S.Ya. Shklyar, and Z.A. Korovenkova.

PURPOSE: This book is intended for workers of scientific research institutes and planning and design institutes of the ore-mining industry, and may be used by the personnel of other organizations concerned with the design and operation of axial-flow fans.

COVERAGE: The authors describe a modern method of the aerodynamic calculation of axial-flow fans and critically review the design of mine-ventilating machines. Their method of profiling bladed rings is said to be a synthesis of the theory of two-dimensional cascades of airfoils, testing data, and of the generalized results of various systematic experimental investigations carried out by the

Card 1/8

Aerodynamics of Axial-Flow Fans (Cont.)

SOV/4820

authors at the Tsentral'nyy aero-gidrodinamicheskii institut (Central Aero-hydrodynamical Institute). Individual chapters were written as follows: K.A. Ushakov, Introduction, Sec. 3 and 6 of Ch. III, Sec. 4 of Ch. VI, and together with A.R. Bushel', Ch. XII (except Sec. 3); I.V. Brusilovskiy, Ch. I (except Sec. 4), Ch. II, Ch. III (except Sec. 2, 3, and 6), Ch. IV, V, VI (except Sec. 4), Sec. 3 and 4 of Ch. VII, Ch. VIII (except Sec. 4 and 5), and Ch. X. (except Sec. 3); A.R. Bushel', Ch. VII (except Sec. 3 and 4), Sec. 4 and 5 of Ch. VIII, Sec. 3 of Ch. X, Sec. 3 of Ch. XII, Ch. XIII and Ch. XIV; A.S. Ginevskiy, Sec. 4 of Ch. I; A.A. Dzidziguri, Ch. IX; I.O. Kersten, Ch. XI; A.V. Kolesnikov, Sec. 2 of Ch. III. No personalities are mentioned. There are 107 references: 87 Soviet, 11 German, and 9 English.

TABLE OF CONTENTS:

Foreword	3
Introduction	5
Card 2/8	

Aerodynamics of Axial-Flow Fans (Cont.)		SOV/4820
Ch. VIII. Regulating the Fan Operation		221
1. General problems of regulation		227
2. Regulating by changing the pitch of the rotor blades		237
3. Regulating by changing the pitch of guiding vanes		242
4. Working zone. Evaluating the economy of the fan installation		251
5. Reversing. Starting and stopping		
Ch. IX. Simultaneous Operation of Fans		257
1. Operating fans in parallel		258
2. Operating fans in series		269
Ch. X. Recalculating the Characteristics. Choice of Fans. Evaluating Fan Noise		274
1. Recalculating the characteristics according to rpm, diameter, and the density of the medium		274
2. Methods of choosing fans by using concepts of the equivalent opening and speed of operation		277
3. Evaluating noise of axial fans of various types		287
Ch. XI. Aerodynamic Testing of Fans		292
1. Measuring pressure, speed, and air discharge		293
2. Measuring temperature, air humidity, and atmospheric pressure		306
Card 6/8		

DZEDZIGURI, A.A.; TSINTSADZE, Yu.D.

Relationship between the generation of gas from stopes and
the production processes in the Tkibuli coal deposit. Trudy
Inst.gor.dela AN Gruz.SSR 2:133-147 '60. (MIRA 14:10)
(Tkibuli region--Stoping (Mining))

DZIDZIGURI, A.A.; TSINTSADZE, Yu.D.

Gas factor of the Tbibuli-Shaori coal deposit. Soob.AN Gruz.SSR
25 no.5:579-585 N '60. (MIRA 14:1)

1. Akademiya nauk GruzSSR, Institut gornogo dela imeni G.A.TSulukidze,
Tbilisi. Predstavleno chlenom-korrespondentom Akademii F.N. Tavadze.
(Georgia—Coal mines and mining)
(Gas, Natural)

DZIDZIGURI, Archil ~~Amvrosiyevich~~; MUSKHELISHVILI, Vakhtang Levanovich;
KUTATELADZE, Aslan Aleksandrovich; ONIANI, Shurman Il'ich;
Prinimali uchastiye: MATIKASHVILI, T.I.; DURMISHIDZE, N.Sh.;
KERSIEN, I.O., otv. red.; D'YAKOVA, G.B., red.izd-va;
LOMILINA, L.N., tekhn. red.

[Simultaneous operation of mine ventilators] Sovmestnaia
rabota shakhtnykh ventilatorov. Moskva, Gos. nauchno-
tekhn. izd-vo lit-ry po gornomu delu, 1961. 182 p.
(MIRA 15:2)

(Fans, Mechanical)

(Mine ventilation)

DZIDZIGURI, A.A.; ONIANI, Sh.I.; SAEYCHEV, R.A.

Study of the thermophysical properties of the rocks of the
Tkibuli-Shaori coal deposit. Soob. AN Gruz. SSR 31 no.1:
131-138 J1 '63. (MIRA 17:7)

DZIDZIGURI, A.A.; ONIANI, Sh.I.; LATSABIDZE, T.O.

Effect of the relief of the temperature field of the interior
of Tkibuli-Shaori coal deposit. Soob. AN Gruz. SSR 32 no.3:
611-618 D '63. (MIRA 17:11)

1. Institut gornogo dela imeni G.A. TSulukidze AN GruzSSR.
2. Chlen-korrespondent AN GruzSSR (for Dzidziguri).

BETEKHTIN, A.G., glav. red. [deceased]; AVALIANI, G.A., red.;
BRAUN, G.A., red.; GUDZHEDZHIANI, B.I., red.;
DZIDZIGURI, A.A., red.; DOLIDZE, D.P., red.
KERESSELIDZE, K.G., red.

[Chiatura manganese deposit] Chiaturskoe mestorozhdenie
margantsa. Moskva, Izd-vo "Nedra," 1964. 243 p.
(MIRA 17:6)

1. Georgia. Geologicheskoye upravleniye.

DZIDZIGURI, A.A.; ONIANI, Sh.I.; LATSABIDZE, T.O.

Using the method of electric simulation in investigating geothermic conditions of the Komsomol'skaia Mine of the "Tkibulugol" Trust.
Soob. AN Gruz. SSR 35 no.2:387-394 Ag '64.

(MIRA 17:12)

1. Institut gornogo dela imeni G.A.TSulukidze, A" Gruzinskiy SSR, Tbilisi. 2. Chlen-korrespondent AN Gruzinskoy SSR (for Dzidziguri).

DZIDZIGURI, A.A.; MATIKASHVILI, T.I.

[Unsteady performance of fans and measures for its
prevention] Neustoichivaia rabota ventilatorov i spo-
soby ee preduprezhdeniia. Moskva, Nauka, 1965. 92p.
(MIRA 18:9)

DZIDZIGURI, A.A., prof.; ONIANI, Sh.I., kand. tekhn. nauk; SARYCHEV, R.A., inzh.

Rapid method of determining the thermal and physical properties
of rock and coal. Izv. vys. ucheb. zav.; gor. zhur. 8 no.1:3-6
'65. (MIRA 18:3)

1. Institut gornoy mekhaniki, razrabotki postorozhdeniy i fiziki
vzryva imeni G.A. TSulukidze AN GruzSSR. 2. Chlen-korrespondent
AN GruzSSR (for Dzidziguri).

DZIDZIGURI, A.A., prof., d-ktor tekhn.nauk; ONIANI, Sh.I., kand.tekhn.nauk;
LATSABITZE, T.O., gornyy inzh.

Investigating the thermal conditions of a deposit by the electro-
thermal analogy method. Ugol' 40 no.3:56-61 Mr '65.

(MIRA 18:4)

1. Institut gornoy mekhaniki, razrabotki mestorozhdeniy i fiziki
vzryva AN Gruzinskoy SSR.

DZIDZIGURI, A.A.; MATIKASHVILI, T.I.

Inlet resistance of a network and the stability of the
ventilation system. Soob. AN Gruz. SSR 38 no. 3:599-606
Je '65. (MIRA 18:12)

1. Institut gornoy mekhaniki, razrabotki mestorozhdeniy i
fiziki vzryva AN GruzSSR. 2. Chlen-korrespondent AN GruzSSR
(for Dsidziguri). Submitted Febr. 12, 1965.

DZIDZIGURI, L.M.

Effect of a course of therapy with TSkhaltubo baths on basal metabolism in patients with infectious nonspecific polyarthrits. Soob. AN Gruz.SSR 26 no.3:317-322 Mr '61. (MIRA 14:4)

1. TSkhaltubskiy filial Instituta kurortologii Gruzinskoy SSR. Predstavleno chlenom-korrespondentom Akademii nauk Gruzinskoy SSR A.N. Bakuradze.

(TSKHALTUBO—MINERAL WATERS) (BASAL METABOLISM)
(ARTHRITIS, RHEUMATOID)

DZIDZIGURI R.I.
KOZLOV, A.A.; KOTLYAROVSKIY, D.I.; ROYNISHVILI, M.N.; TATALASHVILI, N.G.;
TSAGARELI, E.I.; TSINTSBADZE, A.I.; TSINTSADZE, V.D.; DZIDZIGURI,
R.I.

Method of studying tracks in the Wilson magnetic chamber. Soob.
AN Gruz. SSR 19 no.2:143-150 Ag '57. (MIRA 11:3)

1. Institut fiziki AN Gruz SSR, Tbilisi. Predstavleno akademikom
E.L. Andronikashvili.

(Cloud chamber)

DZIDZIWRI, T.D.; DZHONDZHIXIYA, V.D.

Medical Instruments and Apparatus

Simplified method of prolonged graphic registration in physiologic experiments, Fiziol. zhur 39 No. 1, 1953

Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

DZ1D2164PI, T.D.

~~DZ1D2164PI~~

Modification of motor function of the stomach following interference of digestive with defense reflexes. Trudy Inst. fiziol. 3:60-66 '54.
(MIRA 8:2)

1. Laboratoriya kortiko-vistseral'noy patologii. Zaveduyushchiy I.T.Kurtsin.

(STOMACH, physiology,
motor funct., eff. of interference of digestive with
defense reflexes in cats)

(REFLEX,
interference of digestive with defense reflexes, eff.
on gastric motor funct. in cats)

DZIDZIGURI, T.D.

DZIDZIGURI, T.D.; PLASTININA, Z.V.
[REDACTED]

Modification of secretory and motor functions of the stomach following conservative therapy of peptic ulcer. Trudy Inst. fiziol. 3:260-267 1954. (MIRA 8:2)

1. Laboratoriya kortiko-vistseral'noy patologii, zaveduyushchiy I.T. Kurtsin. Klinicheskiy sanatoriy zheludochno-kishechnykh sabolevaniy VTsSPS, Leningrad.

(PEPTIC ULCER, therapy, conservative technics, eff. on motor & secretory funct. of stomach)

DEIDZIGURI, T.D.

DEIDZIGURI, T.D.; PRISHCHENKO, A.P.

On the problem of a simultaneous study of gastric secretory and motor functions [with summary in English]. *Fiziol.zhur.* [Ukr] 3 no.4:22-32 J1-Ag '57. (MLA 10:9)

1. Institut fiziologii im. I.P.Pavlova AN SSSR, laboratoriya kortiko-vistseral'noi ontologii i laboratoriya fiziologii ta ontologii travlennya i krovotobigu.
(STOMACH)

DZIDZIGURI, T.D.

Motor activity of the stomach and small intestine following the transformation of conditioned interoceptive reflexes. Trudy Inst. fiziol. 6:242-253 '57. (MIRA 11:4)

1. Laboratoriya kortiko-vistseral'noy patologii (zveduyushchiy I.T. Kurtsin).

(CONDITIONED RESPONSE) (STOMACH) (INTESTINES)

DZIDZIGURI, T.D.

Use of an electrical resistance gauge in registering the motor function of the gastrointestinal tract. Biul. eksp. biol. i med. 43 no.2:123-125 F '57 (MLBA 10:5)

1. Iz laboratorii kortiko-vissereal'noy patologii (zaveduyushchiy-professor I.T. Kurtsin) Instituta fiziologii imeni I.P. Pavlova (direktor-akademik K.M. Bykov) AN SSSR, Leningrad. Predstavlena akademikom K.M. Bykovym.

(GASTROINTESTINAL SYSTEM, physiology, motoricity, registration with electrical resist.-transducers) (Rus)

EXCERPTA MEDICA Sec.2 Vol.10/10 Phy.Biochem. Oct 57
DZIDZIGURI T.D.

4324. DZIDZIGURI T.D. and GEORGOBIANI T.B. Lab. of Cortico-Visceral Pathol., Leningrad. *Some data on small bowel motility (Russian text) FIZIOL.Z. 1957, 43/2 (164-168) Illus. 4

The role of mechanical stimulation of intestinal afferent nerve endings was investigated by means of an intestinal loop exteriorized within a cutaneous flap. Movements of the bowel were plethysmographically recorded together with gastric motility. Spontaneous periodic motor activity of stomach and bowel is synchronized. Stimulation of the intestinal loop (balloon inflation) produced contractions within the stimulated intestinal segment only, but with increasing intensity of stimulation, motor activity spreads to adjacent segments. The force of intestinal and gastric contractions depends on the intensity of local stimulation of stretch receptors.

Simonson - Minneapolis, Minn.